



State of Mississippi



AIR POLLUTION CONTROL PERMIT

Permit To Construct Air Emissions Equipment

THIS CERTIFIES

Homan Industries
105 Homan Road
Fulton, MS
Itawamba County

has been granted permission to construct air emissions equipment to comply with the emission limitations, monitoring requirements and other conditions set forth herein. This permit is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

Mississippi Environmental Quality Permit Board

Mississippi Department of Environmental Quality

Issued/Modified: DEC 30 2013

Expires:

Permit No. 1240-00007

Agency Interest # 1021

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Subject Item Inventory

Permit Number:1240-00007

Activity ID No.: PER20130002

Subject Item Inventory:

ID	Designation	Description
AI1021		
EQPT12	AA-010	23.7 MMTU/hr Wood Fired Boiler No. 2
EQPT13	AA-011	Cut-up line. Removes branches and ends from the logs prior to debarking.
EQPT15	AA-012	Dry Kiln No. 3

KEY

ACT = Activity

AREA = Area

CONT = Control Device

IA = Insignificant Activity

PCS = PCS

TRMT = Treatment

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

MAFO = Animal Feeding Operation

RPNT = Release Point

WDPT = Withdrawal Point

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AI0000001021:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	HAP, Total (Limit)	For the entire facility, the permittee shall have emissions of HAP, Total (Limit) <= 24.9 tons/yr. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)] This requirement is applicable during the following months: Jan-Dec. Statistical basis: Annual Maximum.

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		<p>For Emission Points AA-010, AA-011, and AA-012 the permittee shall conduct weekly observations for visible emissions. If visible emissions are observed from the emission point (six-minute interval), the permittee shall conduct visible emission evaluations (VEE) in accordance with EPA Reference Method 9. The permittee shall maintain records of weekly visible emissions observations and any VEEs that are performed in log book form. A summary report shall be submitted by January 31 and July 31 for the preceding six month period.</p> <p>The permittee may perform the observations on multiple stacks at the same time, where multiple stacks can be viewed simultaneously. [11 Miss. Admin. Code Pt. 2, Ch. 1.]</p>

Submittal/Action Requirements:

Condition No.	Condition
S-1	General Condition: The permittee shall submit certification of construction: Due within thirty (30) days of completion of construction or installation of an approved stationary source or prior to startup, whichever is earlier. The notification shall certify that construction or installation was performed in accordance with the approved plans and specifications. In the event there is any change in construction from the previously approved plans and specifications or permit, the permittee shall promptly notify MDEQ in writing. If MDEQ determines the changes are substantial, MDEQ may require the submission of a new application to construct with "as built" plans and specifications. Notwithstanding any provision herein to the contrary, the acceptance of an "as built" application shall not constitute a waiver of the right to seek compliance penalties pursuant to State Law. [11 Miss. Admin. Code Pt. 2, R. 2.5.D.]

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AI0000001021 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-2	Within fifteen (15) days of beginning actual construction, the permittee must notify DEQ in writing that construction has begun. [11 Miss. Admin.Code Pt. 2, R.2.5.C(2).]
S-3	The permittee must notify DEQ in writing when construction does not begin within eighteen (18) months of issuance or if construction is suspended for eighteen (18) months or more. [11 Miss. Admin.Code Pt. 2, R.2.5.C(4).]

Narrative Requirements:

Particulate Matter:

Condition No.	Condition
T-1	<p>Particulate Matter: For the entire facility, except as otherwise specified, no person shall cause, permit, or allow the emission of particulate matter in total quantities in any one hour from any manufacturing process, which includes any associated stacks, vents, outlets, or combination thereof, to exceed the amount determined by the relationship</p> $E = 4.1 p^{0.67}$ <p>Where E is the emission rate in pounds per hour and p is process weight input rate in tons per hour. [11 Miss. Admin. Code Pt. 2, R. 1.3.F(1)]</p>

General Condition:

Condition No.	Condition
T-2	General Condition: The stationary source shall be designed and constructed so as to operate without causing a violation of any Applicable Rules and Regulations or this permit, without interfering with the attainment and maintenance of State and National Ambient Air Quality Standards, and such that the emission of air toxics does not result in an ambient concentration sufficient to adversely affect human health and well-being or unreasonably and adversely affect plant or animal life beyond the stationary source boundaries. [11 Miss. Admin.Code Pt. 2, R.2.5.A.]

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AI0000001021 (continued):

Narrative Requirements:

General Condition:

Condition No.	Condition
T-3	General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49_17_29 1.b]
T-4	General Condition: The necessary facilities shall be constructed so that solids removed in the course of control of air emissions may be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering State waters without the proper environmental permits. [Miss. Code Ann. 49_17_29]
T-5	General Condition: The air pollution control facilities shall be constructed such that diversion from or bypass of collection and control facilities is not needed except as provided for in Regulation 11 Miss. Admin. Code Pt.2, R. 1.10 "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10. [11 Miss. Admin. Code Pt. 2, R. 1.10]
T-6	General Condition: The permittee shall allow the Mississippi Environmental Quality Commission, the Mississippi Environmental Quality Permit Board, MDEQ staff and/or their authorized representatives, upon the presentation of credentials: a. To enter upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit; and b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring equipment or monitoring method required in this permit, and to sample any air emission. [Miss. Code Ann. 49_17_21]
T-7	General Condition: After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for good cause shown including, but not limited to, the following: a. Persistent violation of any terms or conditions of this permit; b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or c. A change in any condition that requires either a temporary or permanent reduction or elimination of previously authorized air emissions. [11 Miss. Admin.Code Pt. 2, R.2.2.C.]
T-8	General Condition: Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality Office of Pollution Control. [Miss. Code Ann. 49_17_39]

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AI0000001021 (continued):

Narrative Requirements:

Condition No.	Condition
T-9	For the entire facility, the permittee shall keep all control devices (as described in the equipment descriptions and the permit application) in service at all times the related production equipment is in operation. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
T-10	Any exceedance of the limitations outlined in this permit shall be reported to MDEQ no later than seven (7) days following the occurrence. [11 Miss. Admin. Code Pt. 2, R. 2.2B.10]
T-11	<p>The permittee is authorized to construct air emissions equipment for the emission of air contaminants for Emission Points AA-010, AA-011, and AA-012 (including all control equipment).</p> <p>The air emissions equipment shall be constructed to comply with the emission limitations and monitoring requirements specified elsewhere in this permit. Such air emissions equipment shall be operated as efficiently as possible to provide the maximum reduction of air contaminants. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]</p>
T-12	For the entire facility, the permittee shall calculate hazardous air pollutant (HAPs) emissions on a 12 month rolling average to demonstrate compliance with the facility wide permit limitation. The information shall be submitted in report form no later than January 31 and July 31 for the previous 6 month period. [11 Miss. Admin. Code Pt. 2, R. 2.2.B(10)]
T-13	General Condition:This permit is for air pollution control purposes only. [11 Miss. Admin.Code Pt. 2, R.2.1.D.]
T-14	General Condition: The knowing submittal of a permit application with false information may serve as the basis for the Permit Board to void the permit issued pursuant thereto or subject the applicant to penalties for operating without a valid permit pursuant to State Law. [11 Miss. Admin.Code Pt. 2, R.2.2.B(5).]
T-15	General Condition: It is the responsibility of the applicant/permittee to obtain all other approvals, permits, clearances, easements, agreements, etc., which may be required including, but not limited to, all required local government zoning approvals or permits. [11 Miss. Admin.Code Pt. 2, R.2.1.D(6).]
T-16	General Condition: The issuance of a permit does not release the permittee from liability for constructing or operating air emissions equipment in violation of any applicable statute, rule, or regulation of state or federal environmental authorities. [11 Miss. Admin.Code Pt. 2, R.2.1.D(7).]
T-17	General Condition: It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit, unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(a).]

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Narrative Requirements:

Condition No.	Condition
T-18	General Condition: The permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for a permit to be reopened shall exist when an air emissions stationary source becomes subject to Title V. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(b).]
T-19	General Condition: The permit does not convey any property rights of any sort, or any exclusive privilege. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(c).]
T-20	General Condition: The permittee shall furnish to the DEQ within a reasonable time any information the DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the DEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to the DEQ along with a claim of confidentiality. The permittee may furnish such records directly to the Administrator along with a claim of confidentiality. [11 Miss. Admin.Code Pt. 2, R.2.2.B(15)(d).]
T-21	General Condition: This permit shall not be transferred except upon approval of the Permit Board. [11 Miss. Admin.Code Pt. 2, R.2.16.B.]
T-22	General Condition: The provisions of this permit are severable. If any provision of the permit, or the application of any provision of the permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. [11 Miss. Admin.Code Pt. 2, R.1.1.D(7).]
T-23	General Condition: The permit to construct will expire if construction does not begin within eighteen (18) months from the date of issuance or if construction is suspended for eighteen (18) months or more. [11 Miss. Admin.Code Pt. 2, R.2.5.C(1).]
T-24	General Condition: A new stationary source issued a Permit to Construct cannot begin operation until certification of construction by the permittee. [11 Miss. Admin.Code Pt. 2, R.2.5.D(3).]
T-25	General Condition: Except as prohibited in 11 Miss. Admin. Code Pt. 2,R. 2.5.D(7) after certification of construction by the permittee, the Permit to Construct shall be deemed to satisfy the requirement for a permit to operate until the date the application for issuance or modification of the Title V Permit or the application for issuance or modification of the State Permit to Operate, whichever is applicable, is due. This provision is not applicable to a source excluded from the requirement for a permit to operate as provided by APC-S-2, Section XIII.G. [11 Miss. Admin. Code Pt. 2, R. 2.5.D(4).]

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AI0000001021 (continued):

Narrative Requirements:

Condition No.	Condition
T-26	General Condition: Except as otherwise specified in 11 Miss. Admin. Code Pt. 2, R. 2.5.D(7), the application for issuance or modification of the State Permit to Operate or the Title V Permit, whichever is applicable, is due twelve (12) months after beginning operation or such earlier date or time as specified in the Permit to Construct. The Permit Board may specify an earlier date or time for submittal of the application. Beginning operation will be assumed to occur upon certification of construction, unless the permittee specifies differently in writing. [11 Miss. Admin. Code Pt. 2, R. 2.5.D(5).]
T-27	General Condition: Except as otherwise specified in 11 Miss. Admin. Code Pt. 2, R. 2.5.D(7), upon submittal of a timely and complete application for issuance or modification of a State Permit to Operate or a Title V Permit, whichever is applicable, the applicant may continue to operate under the terms and conditions of the Permit to Construct and in compliance with the submitted application until the Permit Board issues, modifies, or denies the Permit to Operate. [11 Miss. Admin. Code Pt. 2, R. 2.5.D(6).]
T-28	General Condition: For moderate modifications that require contemporaneous enforceable emissions reductions from more than one emission point in order to net out of PSD/NSR, the applicable Title V Permit to Operate or State Permit to Operate must be modified prior to beginning operation of the modified facilities. [11 Miss. Admin.Code Pt. 2, R.2.5.D(7).]
T-29	General Condition: Regarding compliance testing: (a) The results of any emissions sampling and analysis shall be expressed both in units consistent with the standards set forth in any Applicable Rules and Regulations or this permit and in units of mass per time. (b) Compliance testing will be performed at the expense of the permittee. (c) Each emission sampling and analysis report shall include but not be limited to the following: 1. detailed description of testing procedures; 2. sample calculation(s); 3. results; and 4. comparison of results to all Applicable Rules and Regulations and to emission limitations in the permit. [11 Miss. Admin.Code Pt. 2, R.2.6.B(3),(4)&(6).]
T-30	General Condition: The construction of the stationary source shall be performed in such a manner so as to reduce fugitive dust emissions from construction activities to a minimum. [11 Miss. Admin.Code Pt. 2, R.2.5.A(4).]

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EQPT0000000012 (AA-010) 23.7 MMTU/hr Wood Fired Boiler No. 2:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: For Emission Point AA-010, fuel burning operations utilizing a mixture of combustibles such as, but not limited to, fossil fuels plus bark, oil plus bark, or spent wood, or water treatment by-products sludge, to produce steam or heat water or any other heat transfer medium through indirect means may be allowed emission rates up to 0.30 grains per standard dry cubic foot. [11 Miss. Admin. Code Pt. 2, Ch. 1. 1.3.D(2)]
L-2	Opacity	Opacity: For Emission Point AA-010, no person shall cause, permit or allow the emission of smoke from a point source into the open air from any manufacturing, industrial, commercial or waste disposal process which exceeds forty (40) percent opacity. [11 Miss. Admin. Code Pt. 2, R. 1.3.A(1)]
L-3		For Emission Point AA-010, the maximum discharge of sulfur oxides (SO2) from fuel burning installations in which the fuel is burned primarily to produce heat or power by indirect heat transfer shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input. [11 Miss. Admin. Code Pt. 2, R. 1.4.A(1)]

Narrative Requirements:

Condition No.	Condition
T-1	For Emission Point AA-010, the permittee is subject to and shall comply with all applicable requirements of 40 CFR 60 Subpart Dc, New Source Performance Standards for Small Industrial-Commercial-Institutional Steam Generating Units. [40 CFR 60_SUBPART Dc.60.40c]
T-2	For Emission Pont AA-010, the permittee is subject to and shall comply with 40 CFR 63 Subpart JJJJJ, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources. [40 CFR 63_Subpart JJJJJ.11193]

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EQPT0000000013 (AA-011) Cut-up line. Removes branches and ends from the logs prior to debarking. :

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Opacity	Opacity: For Emission Point AA-011, no person shall cause, permit or allow the emission of smoke from a point source into the open air from any manufacturing, industrial, commercial or waste disposal process which exceeds forty (40) percent opacity. [11 Miss. Admin. Code Pt. 2, R. 1.3.A(1)]

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EQPT0000000015 (AA-012) Dry Kiln No. 3:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Opacity	Opacity: For Emission Point AA-012, no person shall cause, permit or allow the emission of smoke from a point source into the open air from any manufacturing, industrial, commercial or waste disposal process which exceeds forty (40) percent opacity. [11 Miss. Admin. Code Pt. 2, R. 1.3.A(1)]

GENERAL INFORMATION

Homan Industries
105 Homan Road
Fulton, MS
Itawamba County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
1021	Homan Industries	Official Site Name	10/22/1985	
2805700007	Homan Wood Products Inc	Air-AIRS AFS	10/12/2000	
124000007	Homan Wood Products, Inc.	Air-State Operating	10/22/1985	11/1/1988
124000007	Homan Wood Products, Inc.	Air-Title V Fee Customer	12/29/2000	6/24/2013
MSR001995	Homan Industries	GP-Baseline	4/2/2012	9/28/2015
1021	Homan Wood Office Building	Air-Notification	5/3/2012	
MS0061590	Homan Industries	Water - NPDES	6/11/2012	5/31/2017
124000007	Homan Industries	Air-Synthetic Minor Operating	6/24/2013	5/31/2018
124000007	Homan Industries	Air-Construction	12/30/2013	

Basin: Tombigbee River Basin

Location Description:PG - Plant Entrance (General) collected by jsheew on 04/03/2009